



October 15, 2020

Reference No.11208393-201

Mr. Timothy D. Hoffman
 Disnmore & Shohl
 Fifth Third Center
 1 S. Main St. Suite 1300
 Dayton, Ohio
 45402

Mr. Don Overstreet
 Overstreet Painting
 2019 Dryden Road
 Moraine, Ohio
 45439

Mr. Mark Fornes
 Mark Fornes Realty Inc.
 2080 Byers Road
 Miamisburg, Ohio
 45342

Dear Messrs. Hoffman, Overstreet, and Fornes:

**Re: Summary of Vapor Intrusion Sampling Results
 Overstreet Painting – Building 12
 South Dayton Dump and Landfill Site, Moraine, Ohio**

GHD prepared this letter to inform you of the results of the vapor intrusion (VI) sampling completed at the subject property (2019 Dryden Road) in 2020. VI is the migration of volatile chemicals from the subsurface into overlying buildings. VI is a potential concern at any building located near soil, groundwater, or soil vapor containing solvent- or petroleum-related compounds that may volatilize. In 2012, GHD began VI studies in the area as part of the investigation of the South Dayton Dump and Landfill (SDDL) Site. GHD is conducting this work on behalf of the companies that have responded to United States Environmental Protection Agency (USEPA) requests to conduct Remedial Investigation (RI) and VI studies associated with the Site (Respondents). USEPA is directing and overseeing these projects.

Based on the results of the VI studies performed in the area, a sub-slab depressurization system (SSDS) was installed in your building and has been operating since 2013. The SSDS withdraws a small amount of air from beneath the building to create a negative pressure so that vapors do not migrate into the building (similar to a radon system in a home). The monitoring program includes collection of sub-slab (SS) soil gas samples (from probes installed under the building floor) and indoor air (IA) samples at multiple locations for laboratory analysis of volatile organic compounds (VOCs). The sampling serves to document the concentrations of VOCs beneath the building and to demonstrate that air within the building meets VI standards set by the State of Ohio. Vacuum measurements from beneath the building floor slab are also collected to demonstrate the SSDS is working properly. The SS and IA sample locations within your building (designated as Building 12-OP) are shown on Figure 1. Note that Figure 1 also shows the building layout and sample locations/results for the portion of the building occupied by S&J Precision.



2020 Sampling Results

During the sampling event conducted on July 14, 2020, GHD collected three IA samples, two SS samples, and one outdoor ambient air sample. The 2020 analytical results are provided in Table 1 (highlighted in blue) along with results of all samples collected since 2012. Table 1 also shows the screening levels established by the Ohio Department of Health (ODH), which are used for comparison to the detected concentrations in the samples.

As shown in Table 1, the July 2020 SS samples contained Trichloroethene (TCE) at concentrations greater than the ODH SS screening levels. Although detected in SS samples, the concentrations of TCE in IA samples were detected at concentrations less than ODH screening levels, indicating that potential VI is being mitigated. The July 2020 IA samples contained benzene at concentrations greater than the ODH IA screening levels. Benzene was not detected in the co-located SS samples, indicating that the IA benzene concentrations are not due to VI, but instead are due to presence in ambient air within the building. These findings are consistent with previous monitoring results.

Additional Information

Please note that the SS screening levels shown in Table 1 are calculated based on an attenuation factor (AF) to account for the mixing and ventilation that occurs when vapors enter the IA¹. For this reason, an exceedance of these values is used as an indicator of potential impact to IA, which requires further assessment. The SSDS was installed and operated in response to the VOC detections in both SS and IA samples collected in 2012.

As part of the monitoring program, GHD measured vacuum readings at each SS soil vapor probe locations to determine if the SSDS is depressurizing the SS zone beneath the building. A vacuum reading of negative 0.004-inches of water column (" w.c.) indicates that the SSDS is successfully depressurizing the building SS. The latest vacuum readings, measured on July 13, 2020, are presented on Figure 1. The vacuum readings show that vacuum measured at all SS probes meet or exceed the target vacuum of -0.004" w.c, indicating the building SS is successfully being depressurized. This finding is consistent with previous monitoring results.

GHD completed quarterly inspections of the SSDS exterior blowers and interior system components on March 18, 2020, June 29, 2020, and September 10, 2020 to determine if the system is working properly. GHD identified that the EP-2 blower unit was not operating during the March 18, 2020 inspection and installed a new blower unit on March 19, 2020. The latest inspections completed on September 10, 2020,

¹ The ODH screening levels shown in Table 1 were calculated based on an attenuation factor (AF) equal to 10, reflective of 2002 USEPA guidance. USEPA revised and issued final VI guidance in 2015 which utilizes an AF of 33 for residential buildings; see "OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Source to Indoor Air (USEPA, June 2015) (Final Vapor Intrusion Guidance)". The use of AF=10 in the original assessment (2012) and included in Table 1 is a more conservative approach compared to the use of AF=33 based on current USEPA guidance.



indicated that vacuum readings at all extraction point blowers were within the target range of -0.5 to -4.0" w.c. and the SSDS is functioning properly.

Conclusion

The 2020 monitoring results show that benzene was detected in the IA samples at concentrations greater than the ODH IA screening levels; however, the co-located SS sample results indicated that the IA benzene concentrations are not due to VI. TCE was detected in the SS samples at concentrations greater than the ODH SS screening level, but the TCE concentrations in IA samples were less than ODH IA screening levels, indicating that potential VI is being mitigated. The SS soil gas vacuum readings, along with the IA sample results, indicate that the SSDS is effectively depressurizing the SS beneath the building and addressing potential VI.

GHD plans to continue monitoring system performance (vacuum readings), and collect IA and SS samples annually to ensure acceptable system operation conditions. In addition, GHD will inspect the vacuum blower operation on a quarterly basis and replace blowers as needed.

Please notify GHD of any changes in the building use.

If you have questions related to the sampling or on-going site investigation, please do not hesitate to contact the undersigned.

GHD

A handwritten signature in blue ink that reads "Julian Hayward".

Julian Hayward

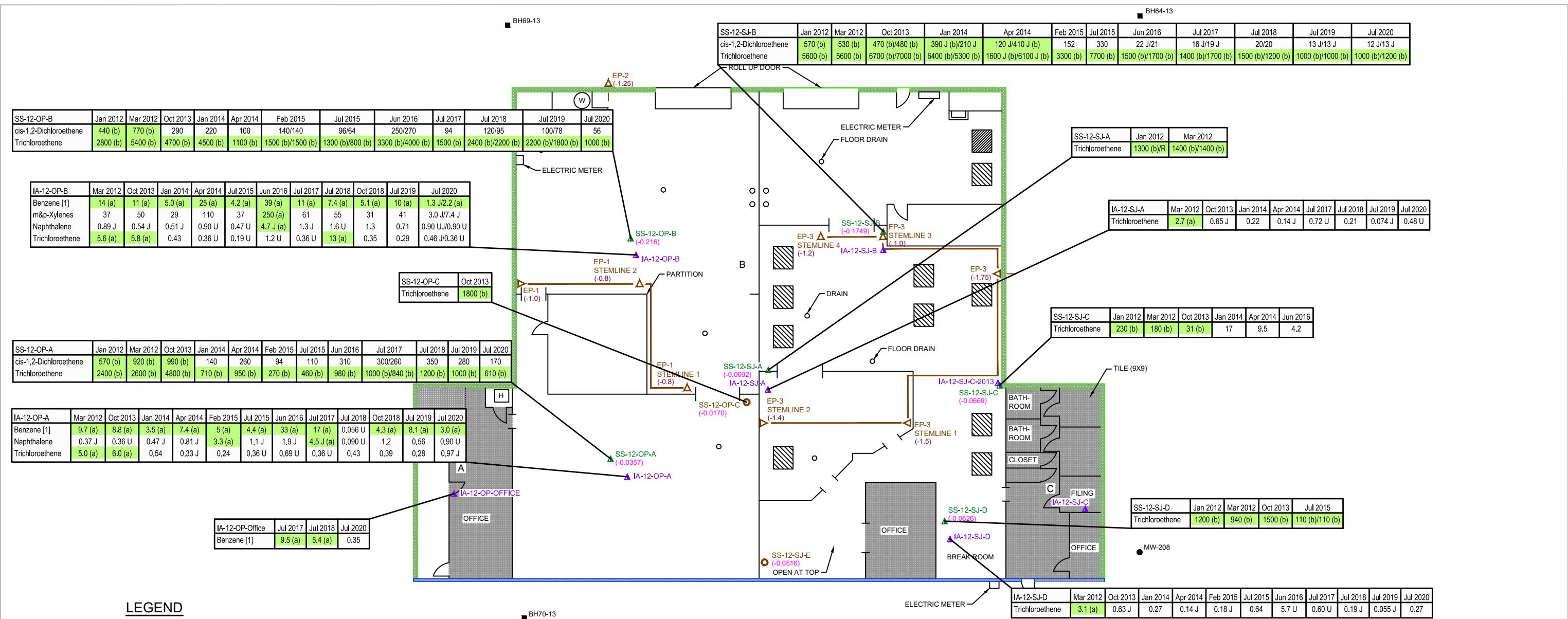
A handwritten signature in blue ink that reads "Valerie Chan".

Valerie Chan

BR/cb/1

Encl.

cc: Robert Thompson – USEPA Remedial Program Manager
Tamara McPeek – Ohio EPA, Site Coordinator



	SS-12-SJ-B	Jan 2012	Mar 2012	Oct 2013	Jan 2014	Apr 2014	Feb 2015	Jul 2015	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
cis-1,2-Dichloroethene	570 (b)	530 (b)	470 (b)/480 (b)	390 J (b)/210 J	120 J/410 J (b)	152	330	22 J/21	16 J/19 J	20/20	13 J/13 J	12 J/13 J	
Trichloroethene	5600 (b)	5600 (b)	6700 (b)/7000 (b)	6400 (b)/5300 (b)	1600 J (b)/6100 J (b)	3300 (b)	7700 (b)	1500 (b)/1700 (b)	1400 (b)/1700 (b)	1500 (b)/1200 (b)	1000 (b)/1000 (b)	1000 (b)/1200 (b)	

	SS-12-SJ-A	Jan 2012	Mar 2012
Trichloroethene	1300 (b)/R	1400 (b)/1400 (b)	

	IA-12-SJ-A	Mar 2012	Oct 2013	Jan 2014	Apr 2014	Jul 2015	Jul 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Trichloroethene	2.7 (a)	0.65 J	0.22	0.14 J	0.72 U	0.21	0.074 J	0.48 U			

	SS-12-SJ-C	Jan 2012	Mar 2012	Oct 2013	Jan 2014	Apr 2014	Jun 2016
Trichloroethene	230 (b)	180 (b)	31 (b)	17	9.5	4.2	

	IA-12-SJ-D	Jan 2012	Mar 2012	Oct 2013	Jul 2015
Trichloroethene	1200 (b)	940 (b)	1500 (b)	110 (b)/110 (b)	

	IA-12-SJ-D	Mar 2012	Oct 2013	Jan 2014	Apr 2014	Feb 2015	Jul 2015	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Trichloroethene	3.1 (a)	0.63 J	0.27	0.14 J	0.18 J	0.64	5.7 U	0.60 U	0.19 J	0.055 J	0.27	

	SS-12-SJ-E	Jan 2012	Mar 2012	Oct 2013	Jul 2015
Trichloroethene	-0.0516				

	OPEN AT TOP	IA-12-SJ-D	Jan 2012	Mar 2012	Oct 2013	Jul 2015
Trichloroethene		-0.0626				

	IA-12-SJ-D	Jan 2012	Mar 2012	Oct 2013	Jul 2015
Trichloroethene	-0.0626				

	IA-12-SJ-D	Jan 2012	Mar 2012	Oct 2013	Jul 2015
Trichloroethene	-0.0626				

	IA-12-SJ-D	Jan 2012	Mar 2012	Oct 2013	Jul 2015
Trichloroethene	-0.0626				

	IA-12-SJ-D	Jan 2012	Mar 2012	Oct 2013	Jul 2015
Trichloroethene	-0.0626				

|--|

Table 1

**Summary of Building 12 - Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020**

Sample Location:	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A
Sample ID:	IA-38443-031512-JC-215	IA-38443-102413-GL-005	IA-38443-011714-GL-021	IA-38443-040314-JT-010	IA-38443-021815-GL-016	SDD-IA-12OPA-0215	IA-38443-071315-6L-011	IA-38443-061516-GL-012	IA-38443-071317-GL-036	IA-38443-071318-JC-025	IA-38443-100418-AS-002	
Date	3/15/2012	10/24/2013	1/17/2014	4/3/2014	2/18/2015	2/18/2015	7/13/2015	6/15/2016	7/13/2017	7/13/2018	10/4/2018	
Parameters	ODH Non-Residential Screening Levels	Sub-Slab Soil Gas	Indoor Air									
Parameters	Units	a	b									
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	160	16	0.026 U	0.10 U	0.026 U	0.052 U	R	0.24 U	0.26 U	0.50 U	0.26 U
Benzene	ppbv	20	2	9.7 ^b	8.8 ^b	3.5 ^b	7.4 ^b	R	5 ^b	4.4 ^b	33 ^b	17 ^b
Chloroform (Trichloromethane)	ppbv	800	80	0.23	0.15 U	0.038 U	0.076 U	R	0.12 U	0.38 U	0.73 U	0.39 U
cis-1,2-Dichloroethene	ppbv	370	37	0.35	0.35 J	0.060 U	0.12 U	R	0.62 U	0.60 U	1.2 U	0.61 U
Ethylbenzene	ppbv	2500	250	8.4	9.9	4.8	12	R	8.8	10	31	39
m&p-Xylenes	ppbv	2000	200	34	37	19	46	R	34.4	44	120	170
Naphthalene	ppbv	29	2.9	0.37 J	0.36 U	0.47 J	0.81 J	R	3.3 ^b	1.1 J	1.9 J	4.5 ^b
o-Xylene	ppbv	2000	200	12	12	6.2	17	R	10.1	15	42	60
Tetrachloroethene	ppbv	250	25	0.24	0.16 U	0.18 U	0.080 U	R	0.13 U	0.40 U	0.77 U	0.41 U
Trichloroethene	ppbv	20	2	5.0 ^b	6.0 ^b	0.54	0.33 J	R	0.24	0.36 U	0.69 U	0.36 U
Vinyl chloride	ppbv	20	2	0.071 U	0.28 U	0.071 U	0.14 U	R	0.13 U	0.71 U	1.4 U	0.72 U

Notes:

J Estimated concentration

JN Tentatively identified compound, estimated concentration

NJ Tentatively identified compound, estimated concentration

R Rejected

U Not detected at the associated reporting limit

UJ Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 1

**Summary of Building 12 - Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020**

Sample Location:	IA-12-OP-A IA-38443-071819-GL-037 7/18/2019	IA-12-OP-A IA-11208393-071420-JC-009 7/14/2020	IA-12-OP-B IA-38443-031512-JC-217 3/15/2012	IA-12-OP-B IA-38443-102413-GL-007 10/24/2013	IA-12-OP-B IA-38443-011714-GL-020 10/24/2013	IA-12-OP-B IA-38443-040314-JT-011 1/17/2014	IA-12-OP-B IA-38443-071315-6L-010 4/3/2014	IA-12-OP-B IA-38443-061516-GL-010 7/13/2015	IA-12-OP-B IA-38443-071317-GL-033 6/15/2016	IA-12-OP-B IA-38443-071318-JC-022 7/13/2017	IA-12-OP-B IA-38443-071318-JC-022 7/13/2018	IA-12-OP-B IA-38443-100418-AS-001 10/4/2018	IA-12-OP-B IA-38443-071819-GL-035 7/18/2019
Parameters													
Units													
Volatile Organic Compounds													
1,1-Dichloroethane													
Benzene	ppbv	0.026 U 8.1^b	0.26 U 3.0^b	0.10 U 14^b	0.10 U 11^b	0.026 U 5.0^b	0.26 U 25^b	0.14 U 4.2^b	0.87 U 39^b	0.26 U 11^b	0.47 U 7.4^b	0.026 U 5.1^b	0.026 U 10^b
Chloroform (Trichloromethane)	ppbv	0.15 J 0.060 U	0.38 U 0.60 U	0.37 J 0.37 J	0.15 U 0.36 J	0.038 U 0.060 U	0.38 U 0.60 U	0.21 J 0.31 U	1.3 U 2.0 U	0.38 U 0.60 U	0.69 U 1.1 U	0.14 J 0.060 U	0.19 J 0.060 U
cis-1,2-Dichloroethene	ppbv	10	1.9 J	10	13	7.4	29	8.9	63	15	13	7.4	10
Ethylbenzene	ppbv	41	6.8	37	50	29	110	37	250^b	61	55	31	41
m&p-Xylenes	ppbv	0.56	0.90 U	0.89 J	0.54 J	0.51 J	0.90 U	0.47 U	4.7 J^b	1.3 J	1.6 U	1.3	0.71
Naphthalene	ppbv	13	2.5	12	16	9.4	38	12	89	21	20	11	13
o-Xylene	ppbv	0.83	0.40 U	0.51 J	0.16 U	0.12 U	0.40 U	0.21 U	1.3 U	0.40 U	1.2 J	10	0.80
Tetrachloroethylene	ppbv	0.28	0.97 J	5.6^b	5.8^b	0.43	0.36 U	0.19 U	1.2 U	0.36 U	13^b	0.35	0.29
Trichloroethylene	ppbv	0.071 U	0.71 U	0.28 U	0.28 U	0.071 U	0.71 U	0.37 U	2.4 U	0.71 U	1.3 U	0.071 U	0.071 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 1

**Summary of Building 12 - Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020**

Sample Location:	IA-12-OP-B IA-11208393-071420-JC-011	IA-12-OP-B IA-11208393-071420-JC-012	IA-12-OP-Office 7/14/2020	IA-12-OP-Office 7/13/2017	IA-12-OP-Office 7/13/2018	IA-12-OP-Office 7/14/2020	OA-12 10/24/2013	OA-12 1/17/2014	OA-12-OP 3/15/2012	OA-12-OP 4/3/2014	OA-12-OP 2/18/2015	OA-12-OP-2015 2/18/2015	OA-12-OP-2015 7/13/2015	OA-12-OP-2015 6/15/2016
Sample ID:														
Date			Duplicate											
Parameters	Units													
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.26 U	0.26 U	0.26 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 UJ	0.026 U	0.026 U	0.026 U
Benzene	ppbv	1.3 J	2.2 ^b	9.5 ^b	5.4 ^b	0.35	0.12 J	0.23	0.22	0.33	0.15 J	0.12 J	0.19 J	0.19 J
Chloroform (Trichloromethane)	ppbv	0.38 U	0.38 U	0.38 U	0.15 J	0.038 U	0.038 U	0.074 J	0.038 U	0.038 UJ	0.038 U	0.038 U	0.038 U	0.038 U
cis-1,2-Dichloroethene	ppbv	0.60 U	0.60 U	0.60 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 UJ	0.060 U	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	0.87 J	2.0	20	13	0.53	0.20	0.068 U	0.068 U	0.13 J	0.068 UU	0.084 J	0.15 J	0.15 J
m&p-Xylenes	ppbv	3.0 J	7.4 J	88	56	2.2	0.74	0.12 U	0.12 U	0.44	0.12 UU	0.32	0.43	0.43
Naphthalene	ppbv	0.90 UJ	0.90 U	1.8 J	1.1	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 UU	0.090 U	0.090 U	0.090 U
o-Xylene	ppbv	0.98 J	2.2	31	21	0.76	0.23	0.061 U	0.061 U	0.17 J	0.061 UU	0.12 J	0.15 J	0.15 J
Tetrachloroethene	ppbv	0.40 U	0.40 U	0.40 U	0.28	0.12 J	0.040 U	0.040 U	0.057 J	0.040 UU	0.040 U	0.040 U	0.040 U	0.040 U
Trichloroethene	ppbv	0.46 J	0.36 U	0.36 U	0.30	0.17 J	0.041 J	0.054 U	0.10 J	0.036 U	0.036 UU	0.036 U	0.036 U	0.036 U
Vinyl chloride	ppbv	0.71 UJ	0.71 U	0.71 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 UU	0.071 U	0.071 U	0.071 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 1

**Summary of Building 12 - Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020**

Sample Location:	OA-12-OP-2015	OA-12-OP-2015	OA-12-OP-2015	OA-12-OP-2015	OA-12-OP-2015	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A
Sample ID:	OA-38443-071317-GL-038	OA-38443-071318-JC-019	OA-38443-071819-GL-032	OA-11208393-071420-JC-007	SS-38443-010612-JC-022	SS-38443-031512-JC-216	SS-38443-102413-GL-004	SS-38443-011714-GL-022	SS-38443-040314-JT-008	SS-38443-021815-GL-015A	SS-38443-071315-6L-012	SS-38443-061516-GL-011	SS-38443-071315-6L-012	SS-38443-061516-GL-011
Date	7/13/2017	7/13/2018	7/18/2019	7/14/2020	1/6/2012	3/15/2012	10/24/2013	1/17/2014	4/3/2014	2/18/2015	7/13/2015	6/15/2016		
Parameters														
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.026 U	0.026 U	5.3 U	5.8 J	6.6 U	0.61 U	2.1 U	0.52 U	0.35 U	0.35 U	2.5 U
Benzene	ppbv	0.14 J	0.25	0.78	0.10 J	2.7 U	3.9 U	14 U	1.3 U	4.6 U	1.1 U	0.76 U	0.76 U	5.3 U
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 U	0.078 J	0.038 U	51	66	100	11	17	6.1	8.8	19	
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.060 U	0.060 U	570 ^a	920 ^a	990 ^a	140	260	94	110	310	
Ethylbenzene	ppbv	0.11 J	0.15 J	0.58	0.071 J	3.3 U	4.7 U	17 U	1.6 U	5.6 U	1.4 U	0.93 U	0.93 U	6.5 U
m&p-Xylenes	ppbv	0.45	0.54	2.6	0.24	7.2 U	8.3 U	30 U	2.8 U	9.8 U	3.4 J	3.2	11 U	
Naphthalene	ppbv	0.090 U	0.090 U	0.090 U	0.090 U	13 U	6.2 U	23 U	2.1 U	7.4 U	1.8 U	1.2 U	1.2 U	8.6 UJ
o-Xylene	ppbv	0.16 J	0.21	0.76	0.087 J	3.3 U	4.2 U	15 U	1.4 U	5.0 U	1.2 U	1.2 J	5.8 U	
Tetrachloroethylene	ppbv	0.062 J	0.059 J	0.13 J	0.53	3.8 J	3.9 J	10 U	1.1 J	3.3 U	14	1.7 J	3.8 U	
Trichloroethylene	ppbv	0.036 U	0.036 U	0.036 U	0.078 J	2400 ^a	2600 ^a	4800 ^a	710 ^a	950 ^a	270 ^a	460 ^a	980 ^a	
Vinyl chloride	ppbv	0.071 U	0.071 U	0.071 U	0.071 U	4.4 U	4.9 U	18 U	1.7 U	5.8 U	1.4 U	0.97 U	0.97 U	6.8 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 1

**Summary of Building 12 - Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020**

Sample Location:	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B
Sample ID:	SS-38443-071317-GL-034	SS-38443-071317-GL-035	SS-38443-071318-JC-024	SS-38443-071819-GL-036	SS-11208393-071420-JC-008	SS-38443-010612-JC-021	SS-38443-031512-JC-218	SS-38443-102413-GL-006	SS-38443-011714-GL-019	SS-38443-040314-JT-009	SS-38443-021815-GL-014	SS-38443-021815-GL-015B	SS-38443-021815-GL-014	SS-38443-021815-GL-015B
Date	7/13/2017	7/13/2017	Duplicate	7/13/2018	7/18/2019	7/14/2020	1/6/2012	3/15/2012	10/24/2013	1/17/2014	4/3/2014	2/18/2015	2/18/2015	Duplicate
Parameters														
Volatile Organic Compounds	ppbv	2.6 U	2.3 U	3.0 U	0.77 U	1.7 U	5.2 U	5.9 U	5.2 U	2.1 U	2.1 U	3.6 U	3.6 U	3.5 U
1,1-Dichloroethane	ppbv	5.5 U	5.0 U	6.4 U	1.7 U	3.7 U	2.7 U	13 U	11 U	4.5 U	16	7.7 U	7.7 U	7.6 U
Benzene	ppbv	22	18	22 J	20	14	71	110	97	68	22	25 J	25 J	24 J
Chloroform (Trichloromethane)	ppbv	300	260	350	280	170	440 ^a	770 ^a	290	220	100	140	140	140
cis-1,2-Dichloroethene	ppbv	6.7 U	6.1 U	7.7 U	2.0 U	4.6 U	3.3 U	15 U	14 U	5.4 U	21	9.3 U	9.3 U	9.3 U
Ethylbenzene	ppbv	12 U	11 U	14 U	3.6 U	8.0 U	7.1 U	27 U	24 U	9.6 U	78	16 U	16 U	16 U
m&p-Xylenes	ppbv	8.9 U	8.0 U	10 U	2.7 U	6.0 U	13 U	20 U	18 U	7.2 U	7.1 U	12 U	12 U	12 U
Naphthalene	ppbv	6.0 U	5.4 U	6.9 U	1.8 U	4.1 U	3.3 U	14 U	12 U	4.9 U	27	8.4 U	8.4 U	8.3 U
o-Xylene	ppbv	4.0 U	3.6 U	4.6 U	3.1 J	2.7 U	4.9 J	9.8 J	30 J	37	13 J	16 J	16 J	16 J
Tetrachloroethylene	ppbv	1000 ^a	840 ^a	1200 ^a	1000 ^a	610 ^a	2800 ^a	5400 ^a	4700 ^a	4500 ^a	1100 ^a	1500 ^a	1500 ^a	1500 ^a
Vinyl chloride	ppbv	7.0 U	6.3 U	8.1 U	2.1 U	4.8 U	4.3 U	16 U	14 U	5.7 U	5.6 U	9.8 U	9.8 U	9.7 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 1

**Summary of Building 12 - Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020**

Sample Location:	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-C									
Sample ID:	SS-38443-071315-6L-008	SS-38443-071315-6L-009	SS-38443-061516-GL-008	SS-38443-061516-GL-009	SS-38443-071317-GL-032	SS-38443-071318-JC-020	SS-38443-071318-JC-021	SS-38443-071819-GL-033	SS-38443-071819-GL-034	SS-11208393-071420-JC-010	SS-11208393-071420-JC-010	SS-12-OP-C	
Date	7/13/2015	7/13/2015	Duplicate	6/15/2016	6/15/2016	Duplicate	7/13/2017	7/13/2018	7/13/2018	7/18/2019	7/18/2019	Duplicate	7/14/2020
Parameters													SS-12-OP-C
	Units												SS-12-OP-C
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	3.1 U	2.5 U	4.8 U	7.9 U	4.5 U	2.0 U	0.47 U	4.0 U	3.7 U	2.7 U	--	--
Benzene	ppbv	6.8 U	5.3 U	10 U	17 U	9.6 U	4.4 U	1.0 U	8.6 U	8.0 U	5.7 U	--	--
Chloroform (Trichloromethane)	ppbv	15 J	11 J	31 J	37 J	17 J	24	19	22 J	18 J	11 J	--	--
cis-1,2-Dichloroethene	ppbv	96	64	250	270	94	120	95	100	78	56	--	--
Ethylbenzene	ppbv	8.2 U	6.4 U	13 U	21 U	12 U	5.3 U	1.2 U	10 U	9.8 U	7.0 U	--	--
m&p-Xylenes	ppbv	14 U	11 U	22 U	36 U	21 U	9.4 U	2.2 U	18 U	17 U	12 U	--	--
Naphthalene	ppbv	11 U	8.5 U	17 UU	27 UU	15 U	7.1 U	1.6 U	14 U	13 U	9.2 U	--	--
o-Xylene	ppbv	7.4 U	5.8 U	11 U	18 U	10 U	4.8 U	1.1 U	9.4 U	8.7 U	6.3 U	--	--
Tetrachloroethylene	ppbv	24	17 J	83	100	50	79	72	77	64	40	--	--
Trichloroethylene	ppbv	1300 ^a	800 ^a	3300 ^a	4000 ^a	1500 ^a	2400 ^a	2200 ^a	2200 ^a	1800 ^a	1000 ^a	1800 ^a	--
Vinyl chloride	ppbv	8.6 U	6.7 U	13 U	21 U	12 U	5.6 U	1.3 U	11 U	10 U	7.3 U	--	--

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level